

CLAIMS

What is claimed is:

1. A resurfacing implant comprising:

a head having:

an exterior articulating surface;

an interior surface opposite said exterior articulating surface;

an anchoring device extending from said interior surface;

and

an extended articulating surface protruding from a portion of said head operable to articulate with at least one of a bone and a ligament.

2. The implant of Claim 1, wherein said extended articulating surface articulates with at least one element of an coracoacromial arch.

3. The implant of Claim 1, wherein said implant is comprised of at least one of cobalt chrome, titanium, and a biocompatible material.

4. The implant of Claim 1, wherein said interior surface is concave.

5. The implant of Claim 1, wherein said anchoring device is a short stem having flutes.

6. The implant of Claim 1, wherein said anchoring device includes a first end proximate to said head and a second end distal to said head, said second end having a diameter that is smaller than said first end.

7. The implant of Claim 1, wherein said anchoring device includes a blasted finish.

8. The implant of Claim 1, wherein said extended articulating surface includes an outer surface that is substantially flush with said exterior articulating surface.

9. The implant of Claim 8, wherein said extended articulating surface includes a step.

10. The implant of Claim 8, wherein said extended articulating surface is located in a lateral region of said head when implanted in a patient.

11. The implant of Claim 8, wherein said extended articulating surface has a planar "V" shaped inner surface.

12. The implant of Claim 1, wherein said extended articulating surface is planar.

13. A humeral head resurfacing implant comprising:
a humeral head having an articulating surface;
an engagement stem extending from said head; and
an extended surface protruding from said head operable to
articulate with at least one element of a coracoacromial arch.
14. The implant of Claim 13, wherein said engagement stem further
comprises flutes.
15. The implant of Claim 13, wherein said engagement stem is tapered.
16. The implant of Claim 13, wherein said extended articulating surface
has a planar “V” shaped inner surface.
17. The implant of Claim 13, wherein said extended surface is
positioned at a lateral region of the implant when implanted in a patient.
18. The implant of Claim 13, wherein said humeral head further
comprises a concave interior surface.

19. A method for resurfacing a humeral head of an implant site comprising:

resurfacing the humeral head;

positioning a resurfacing humeral head implant on the resurfaced surface of the humeral head; and

positioning an extended articulating surface of the resurfacing humeral head implant in a lateral region so as to articulate with at least one of a bone and a ligament.

20. The method of Claim 19, wherein said resurfacing step comprises resecting a portion of the humeral head to receive the extended articulating surface.

21. The method of Claim 20, wherein said resurfacing step comprises resecting a portion of the humeral head to form a step region operable to receive the extended articulating surface.

22. The method of Claim 20, wherein said resurfacing step comprises resecting a portion of the humeral head to form a "V" shaped surface operable to receive the extended articulating surface.

23. The method of Claim 20, wherein said preparing step further comprises using a jig to resect the portion of the humeral head to receive the extended articulating surface.

24. The method of Claim 19, wherein said preparing step comprises forming a hole only within the humeral head, the hole operable to receive a short stem of the implant.

25. The method of Claim 19, wherein said implanting step further comprises implanting a trial implant, similar to the implant, before the implant is implanted to reduce a joint at the implant site.